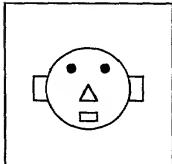
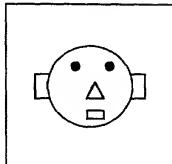
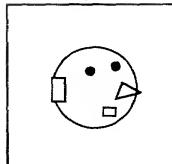
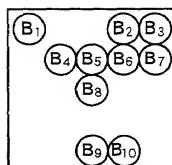
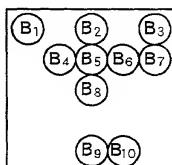
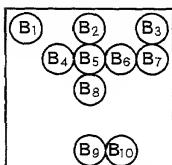
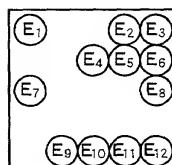
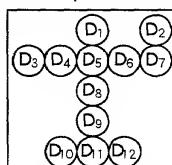
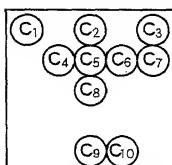
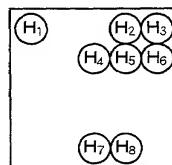
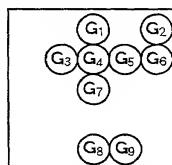
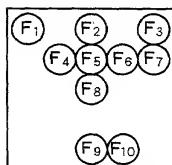
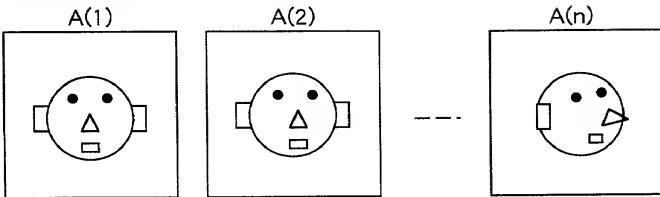
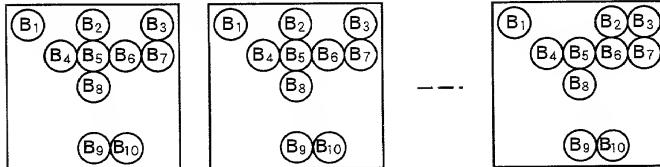


Registered picture group 100**A(1)****A(2)****A(n)****Tracking window picture group 110****Static extraction window picture 120****Robust window picture 130****FIG. 1**

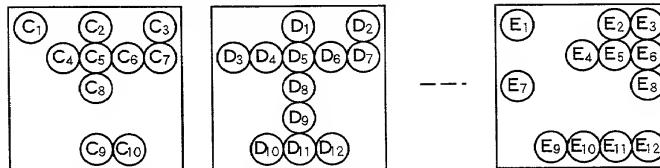
Registered picture group 100



Tracking window picture group 110



Static extraction window picture 120



Robust window picture 130

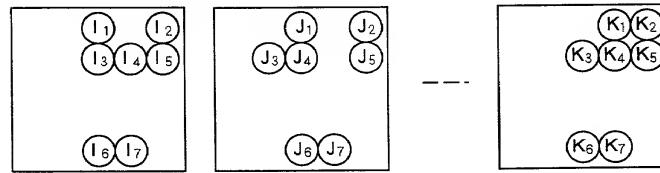


FIG. 2

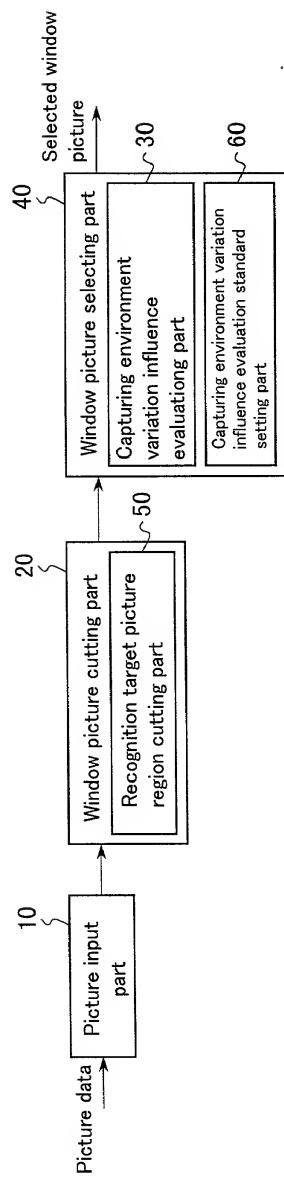


FIG . 3

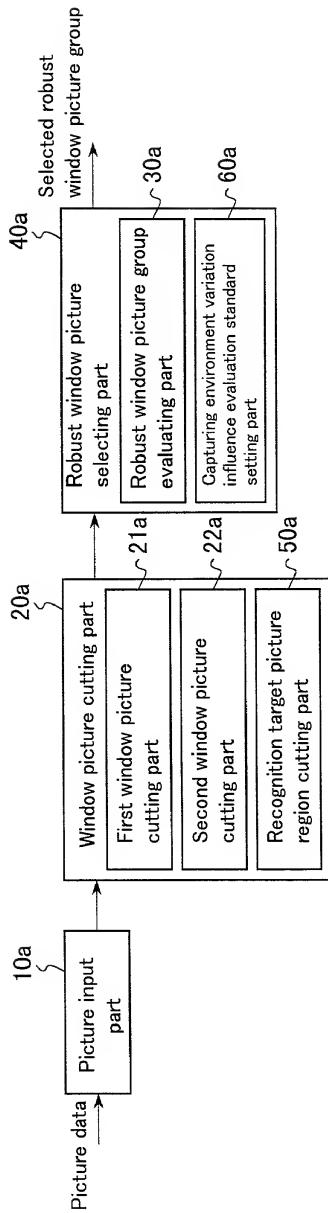


FIG . 4

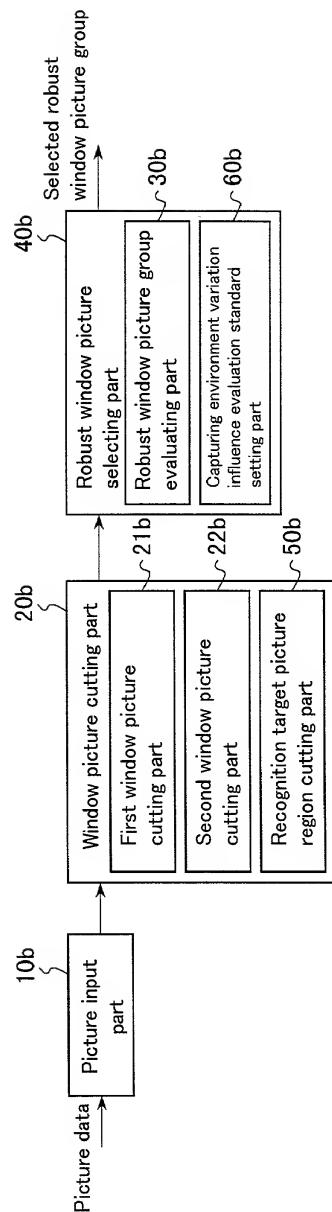


FIG . 5

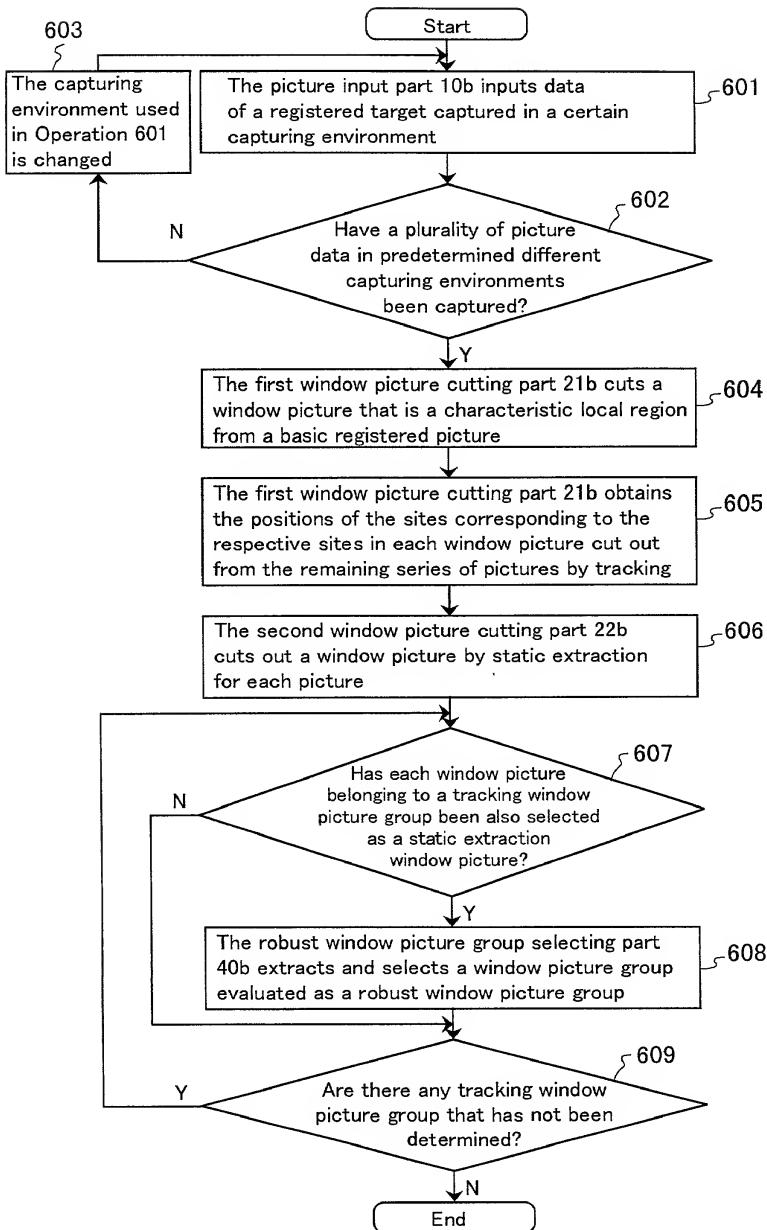


FIG . 6

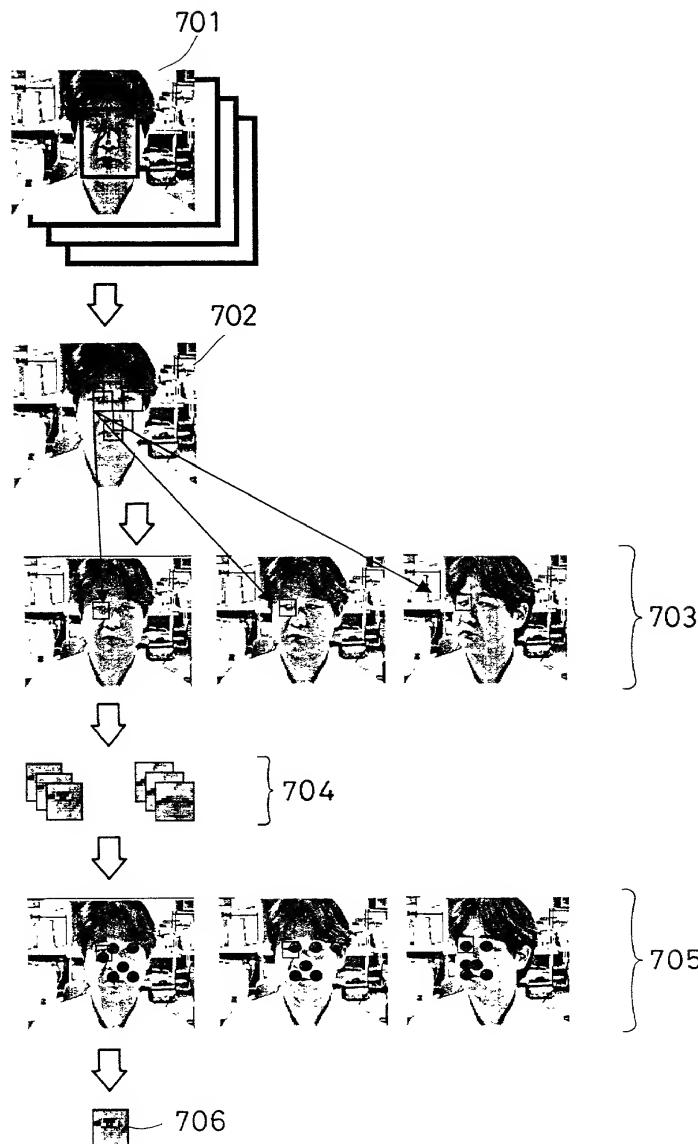
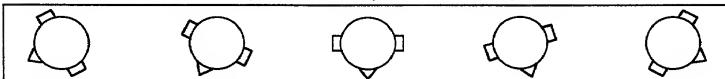
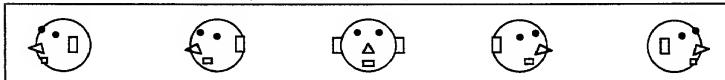


FIG. 7

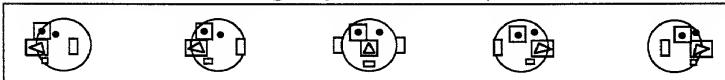
Movement of a face (from the top of the head) 800



Movement of a face (from the front) 810



Window picture of the right eye and window picture of the nose 820



Variations in a feature value of the window picture of the right eye 830

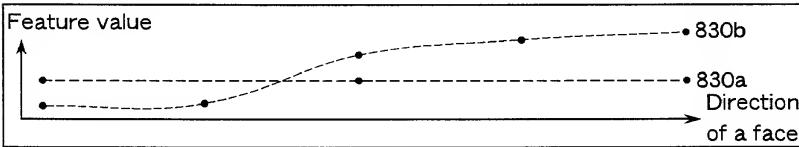
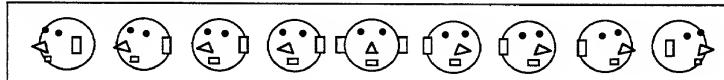
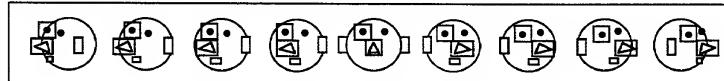


FIG. 8

Registered picture 900

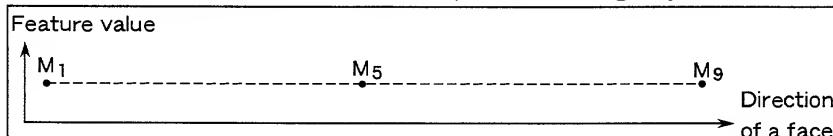


Window pictures of the right eye and the nose 910

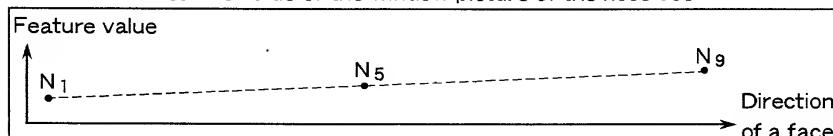


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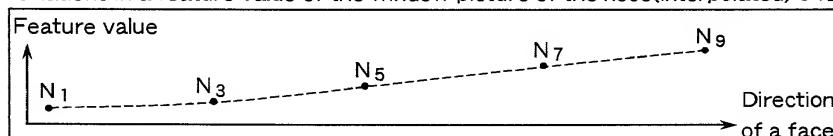
Variations in a feature value of the window picture of the right eye 920



Variations in a feature value of the window picture of the nose 930



Variations in a feature value of the window picture of the nose(interpolated) 940



Variations in a feature value of the window picture of the nose(interpolated) 950

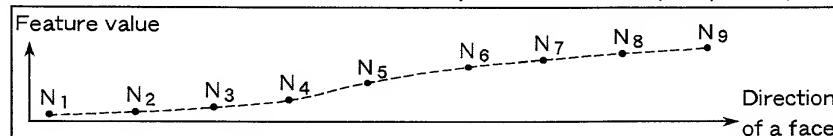


FIG. 9

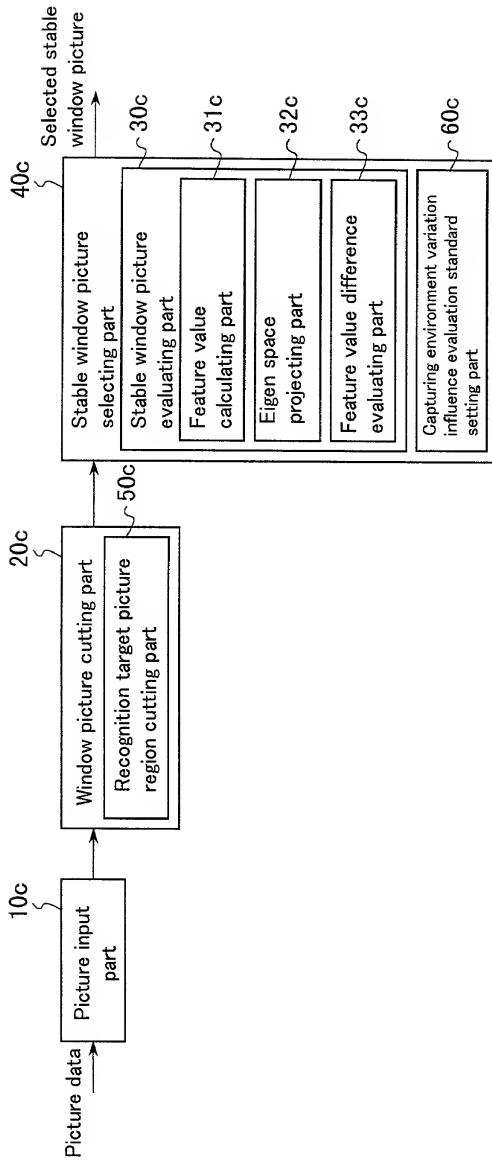


FIG . 10

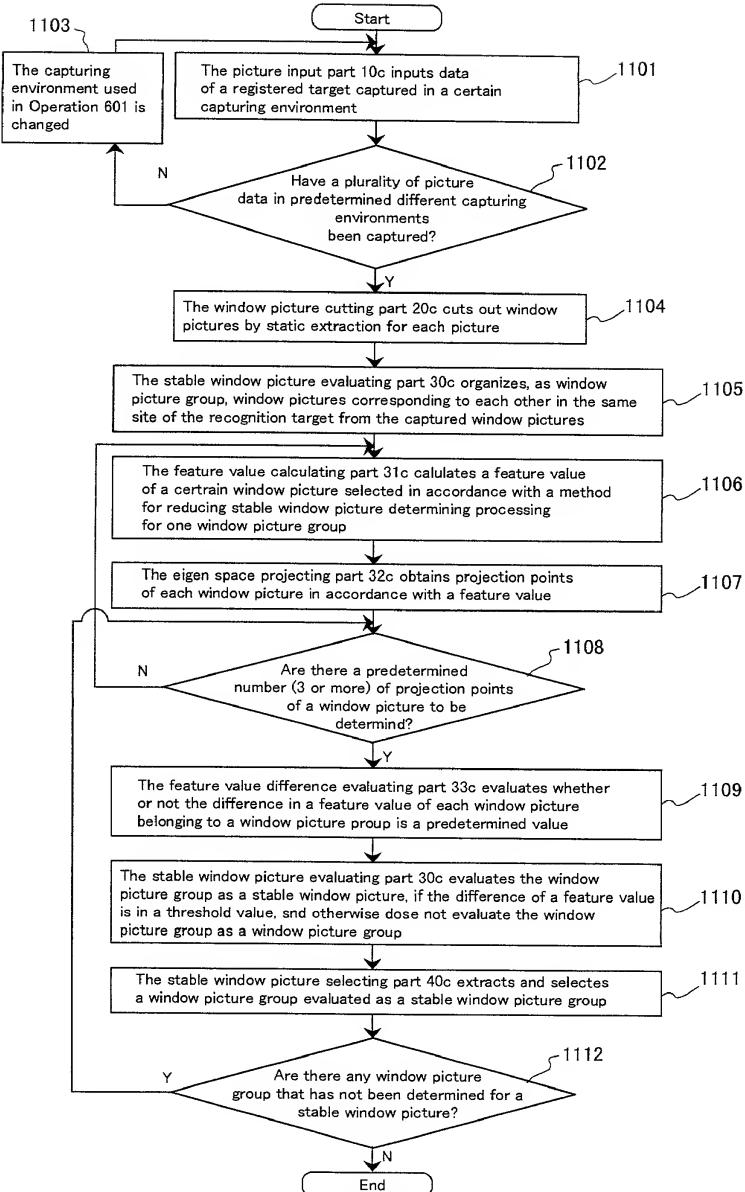


FIG . 11

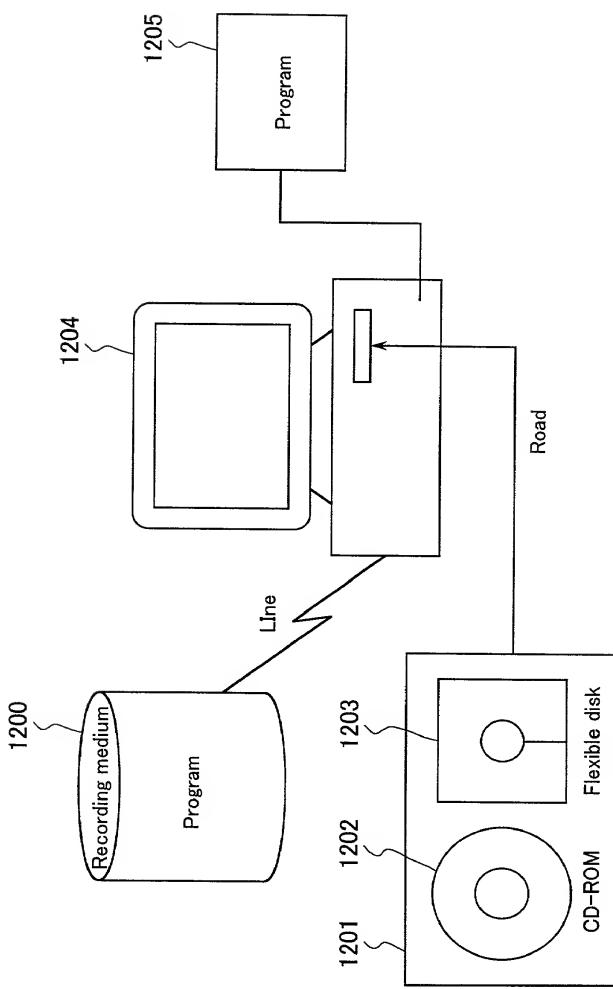


FIG. 12

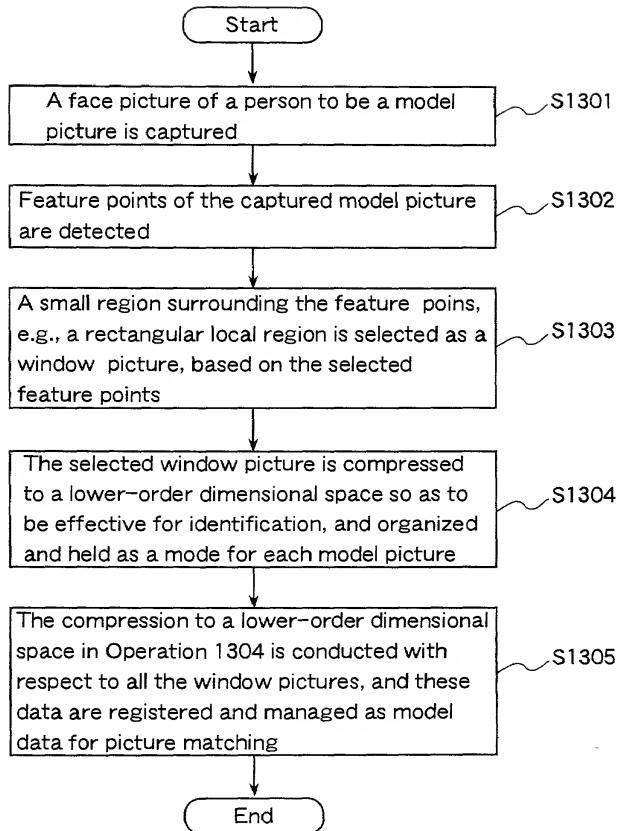


FIG. 13
PRIOR ART

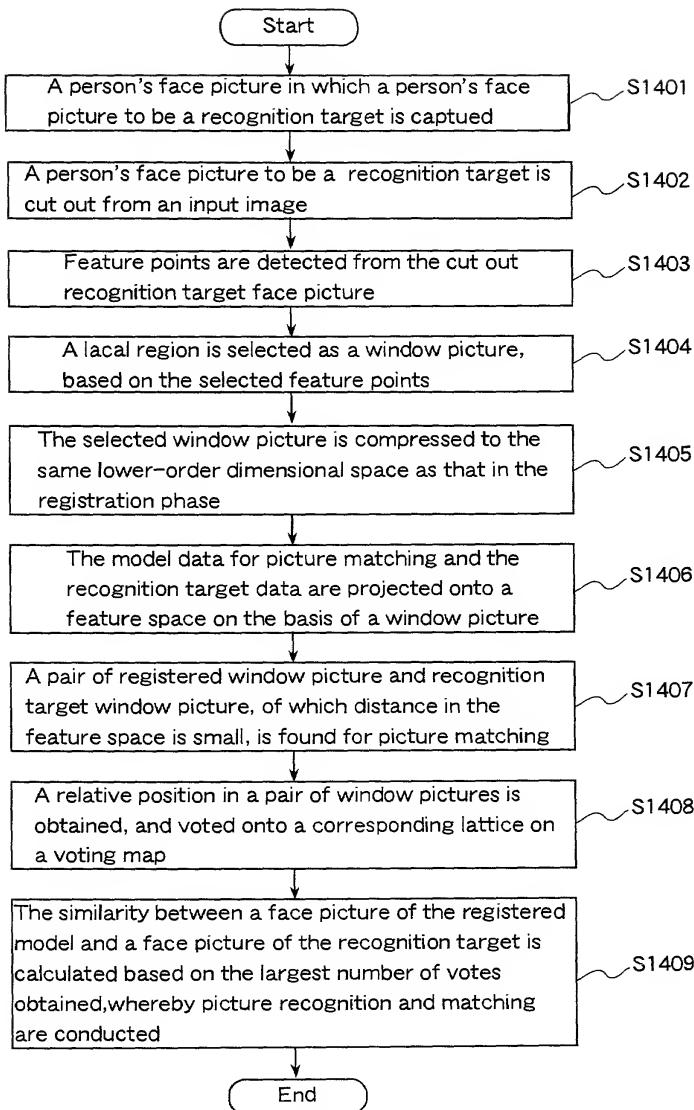


FIG. 14
PRIOR ART

FIGURE 15A



Model picture

FIG. 15A



Recognition target picture

FIG. 15B

PRIOR ART

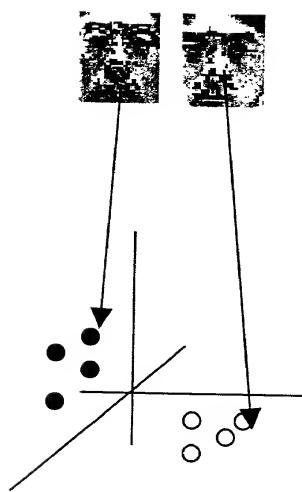


FIG. 16A

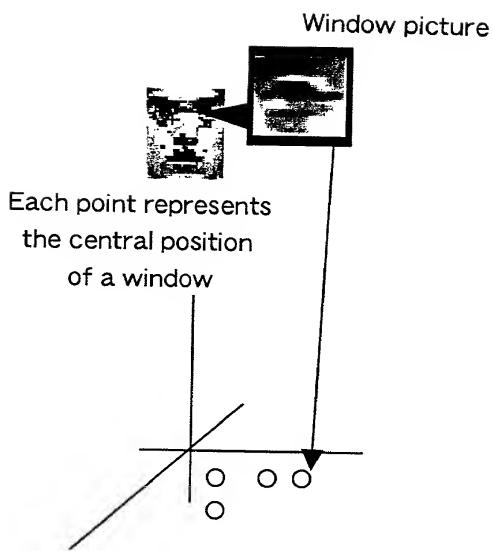


FIG. 16B

PRIOR ART

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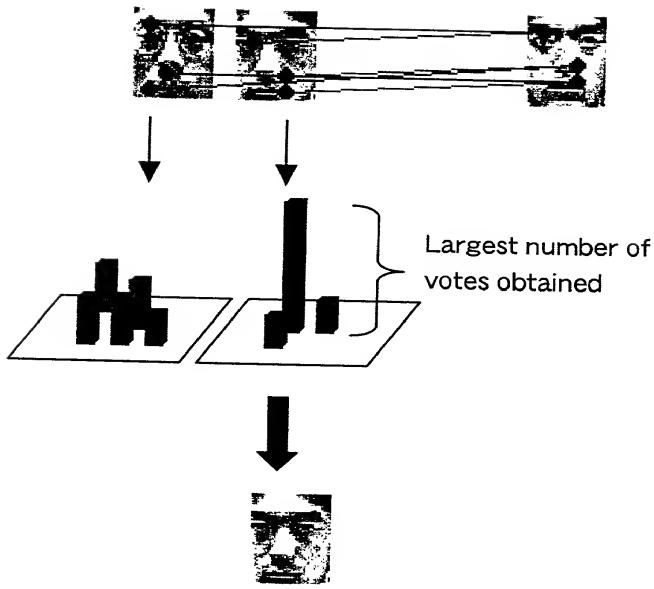


FIG. 17
PRIOR ART